

T-2000 FTA/T 2001 CX

DIGITAL TERRESTRIAL RECEIVER T-2000 FTA
T-2001 CX

USER MANUAL (UK)



IMPORTANT!

**Please read this manual before
you connect the receiver!**


DIGITALITY®
your world... your vision

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Due to possible software updates parts of your Digiality® manual
can be changed without prior notice.

At www.kjaerulff1.com you can always download the latest new
manual for your Digiality® receiver.

1. About Digiality T-2000 FTA / T-2001 CX

Read this manual carefully before connecting the receiver.

Your new Digiality receiver is a very simple and user-friendly receiver that can receive terrestrial digital channels. Furthermore, the T-2001 CX can receive scrambled channels in Conax. One of our objectives in the development of the receiver has been to create a menu system that is as easy to use as possible. We have done our best to make the software stable, so that it does not require frequent updates. There can of course be cases in which we need to update the software, e.g. if the operator changes the format in which they broadcast the channels. If we have to update the software we will use a technique that allows us to update the software "over the air". This allows us to update the software so that the user always has the best software available. Giving better performance and user gratification.

In case you experience problems with the receiver, please contact your dealer.

SAFETY!

- | | |
|-------------------------------------|---|
| Power Supply: | 190-250V AC 50/60 Hz |
| Overload: | Please do not overload the wall plug or extension cord; this can cause an electrical fire. |
| Fluids: | Please do not expose the receiver to water or any other kind of fluids. |
| Ventilation: | <p>The ventilation holes on top of the receiver must never be covered. Make sure that there are always a minimum of 10 cm "free space" around the receiver, i.e. to the rear, on both sides and on top. Never place the receiver on a carpet or any other kind of soft material. Never expose the receiver to heat such as direct sunlight or heat from a radiator.</p> <p>Never place any other electrical items on top of the receiver. Never place the receiver on top of any other electrical items. If the receiver is correctly ventilated it will perform much more stable and have a longer lifetime.</p> |
| Connection: | Please do not connect any devices not mentioned in the user manual to the receiver. |
| The warranty does not cover: | Damages from lightning, damages caused by water or fluids, connection of equipment not mentioned in this manual, installation of unauthorized (i.e. patch or copied) software and any other mistreatment of the receiver. |

2. Remote control

TV

Switch to TV programmes

RADIO

Switch to radio programmes

Standby

Turns the receiver on/off

TXT

Tele Text on/off

EPG

Shows the Electronic Programme Guide

SRC

Changes between TV/Video/SAT mode

BACK

Back to the last shown channel or menu

EXIT

Exit the menu without saving

MENU

Opens the main menu

OK

Shows the programme list or confirms a choice in the menu

P+ / P-

Changes (up/down) between the different options in the display and changes programmes (up/down)

Double arrow (respectively left and right)

Skips whole pages in the menu or move forward/backwards

Shortcut keys (RED, YELLOW, GREEN and BLUE)

The coloured keys can be programmed for the functions that you use most often

V+ / V-

Turns the volume up/down

MUTE

Turns off the sound

Play pause

No use

Stop

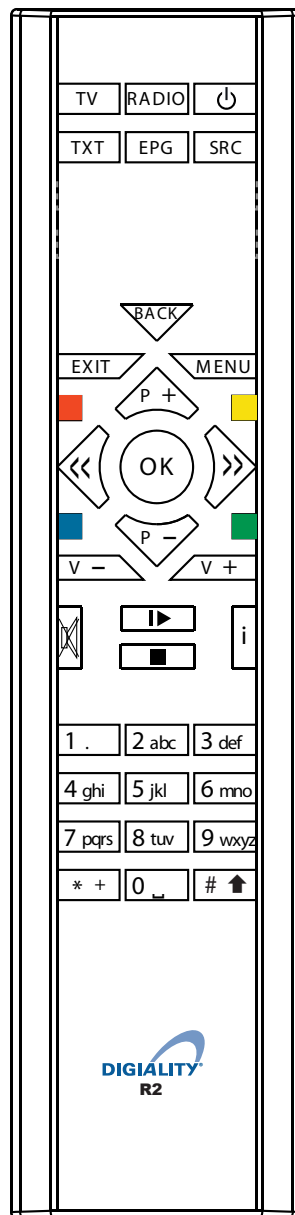
No use

i

Information

0-9

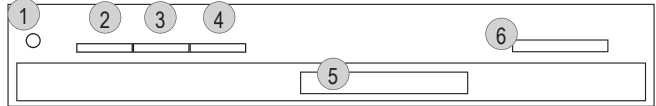
Numerical keyboard



3. Front and connections

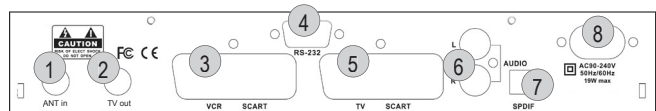
Receiver front closed

- ① Diode
- ② On/off
- ③ Channel down
- ④ Channel up
- ⑤ Display (Shows the channel number when the receiver is on, and the time when the receiver is off)
- ⑥ Conax cardreader (only T-2001 CX)



Receiver back

- ① Ant IN, antenna in
- ② TV OUT
- ③ Scart Video OUT
- ④ RS232
- ⑤ Scart TV
- ⑥ Audio OUT L+R
- ⑦ Spdif Dolby Digital™
- ⑧ Power connection

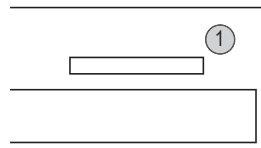


4. Programme cards

- ① 1 Card reader (optional)

The receiver has a card reader that can decode programmes coded in the Conax system.

Receiver front



Programme cards must be inserted so that the yellow IC downwards and inwards.

*Programme card
Canal Digital*



5. Installation of Digiality

Your new receiver gift box must contain the following:

- ① Receiver
- ② Remote control, incl. two pcs AAA batteries
- ③ Scart cable
- ④ This User manual



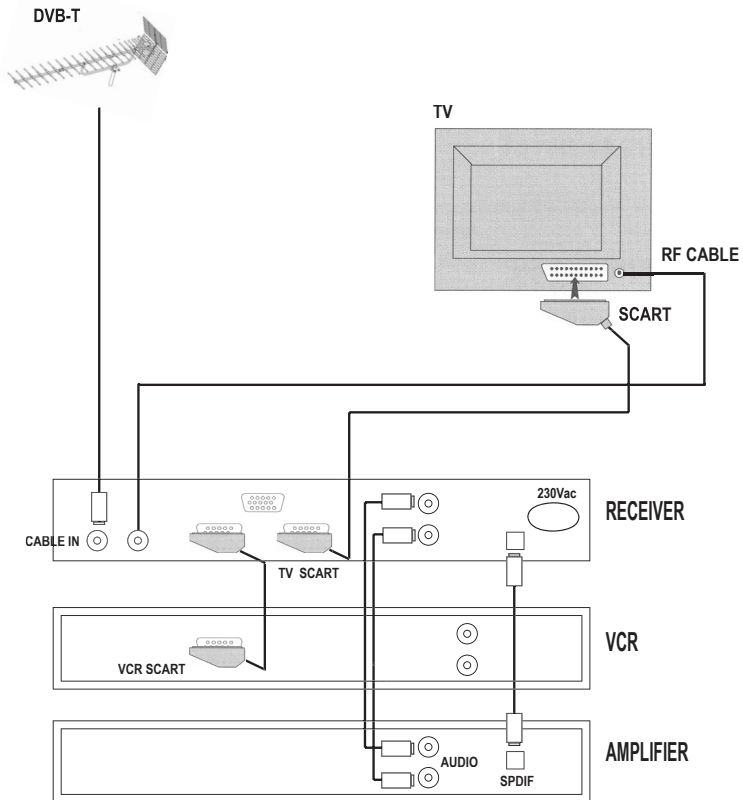
PLACING THE BATTERIES IN THE REMOTE CONTROL

To avoid that children get access to the batteries, the battery cover on the back of the remote control is locked with a screw.

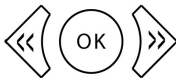
When you have removed the screw, you can take off the cover and place the batteries.

Under the cover, you will find a drawing that shows, how to place the batteries.

6. Connection to TV, VCR, and AMPLIFIER



7. Navigation



1 .	2 abc	3 def
4 ghi	5 jkl	6 mno
7 pqrs	8 tuv	9 wxyz
* +	0	#

When you want to highlight a line in the menu, you can move up and down in the menu structure by using the buttons **P+** and **P-**.

With the **OK** button you choose the menu line that you have marked in the menu.

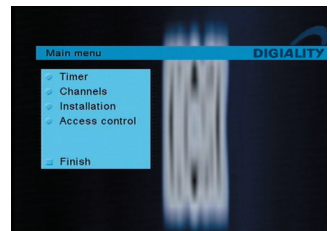
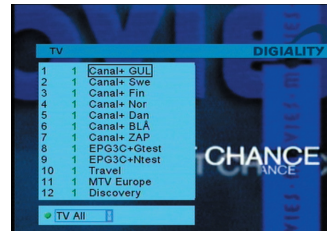
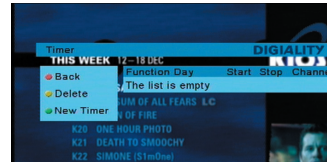
With **double arrow right** and **double arrow left** you can jump one page forward or backwards. This function is used when you want to move fast up and down in a long programme list.

With the **Menu** button you will get into the main menu, where you can set the receiver, search for programmes, and edit the programme list.

By pressing the **EXIT** button you will leave the menu.

With the **BACK** button you jump back to the previous menu, or if you are out of the menu, you will get back to the previous channel.

The **numerical keyboard** is used for typing in codes, frequencies, and programme choices. The text function on the keyboard will not be used on this receiver model.



8. Turning on the receiver

STEP BY STEP

Connect the receiver to the mains power supply.

The Installation guide is now shown on your TV.

See instructions under
Front and Connections



MENU LANGUAGE

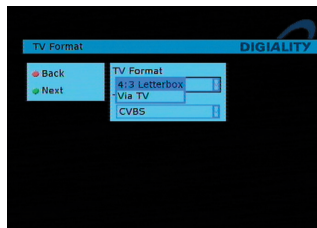
The first thing that the guide will ask you, is to choose the language you wish to use. You choose the language by pressing **P+** or **P-**. When you have chosen the language you wish, you press the **OK** button.



TV FORMAT

The TV format is the picture format that your TV has. 4:3 (Normal) is the correct setting if you do not have a widescreen TV.

You choose via TV - if you have a widescreen TV.



8. - continued

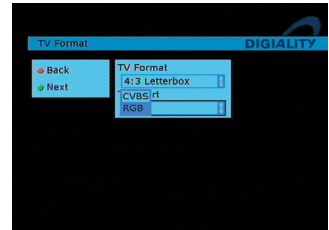


TV-SCART

In order to receive the programmes in the best quality, it is important that the receiver sends the signal that is most suitable for your TV.

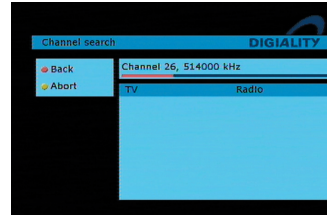
CVBS signal is used for some older types of TVs. You should therefore only use this setting, if the other settings cause you problems.

We recommend that you use the RGB signal, as this gives the highest picture resolution. You might experience problems with the signal on older TVs. If you later on experience problems, this setting can be changed.



9. Channel search

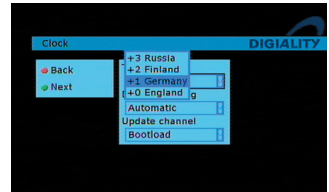
After the setting of the SCART output, the receiver will start searching for channels. The search can take up to 10 minutes. Press **GREEN** for next menu.



10. Clock

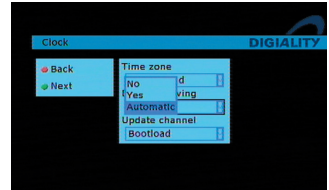


The receiver has a clock that shows the actual time and that is used for programming recordings. The receiver will suggest the correct settings, but you might need to make some changes.



Time zone

The receiver will suggest the correct time zone, but you might need to change this setting if you have chosen another menu language than the language of the country that you are situated in.

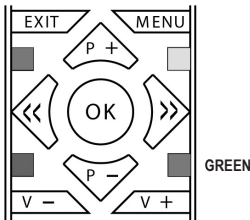


Summer time

If the receiver should automatically change to summer time, **Automatic** must be chosen.

Updating channel

The receiver will automatically choose an updating channel. This channel should only be changed, if the operator informs you to change it.



Press the **GREEN** button to save the changes.

Congratulations you have now installed your receiver and it is ready for use. On the next pages you can see, how to operate the receiver.

11. How to make and use Favourite lists

With terrestrial TV you get a range of channels. It is therefore a good idea to organise your channel list in a way so all your "favorites" are placed in a list of their own. For this purpose you can make up to 4 favorite lists. The same channel (s) can easily be in several lists at the same time.

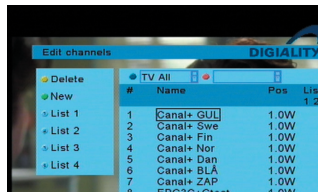


Press **MENU**.

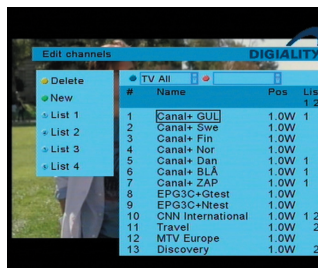


Mark **Channels** and press **OK**.

Mark **Edit** and press **OK**.



With the buttons 1, 2, 3 and 4 you add new channels to channel.



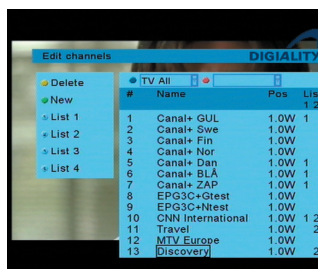
SETUP CHANNELS IN THE FAVOURITE LIST

First, you mark the channel that you want in the list with **P+** and **P-**.

Press 1 if the channel should be in list nr. 1. Press 2 if it should be in list nr. 2, press 3 if it should be in list nr. 3 and press 4 if the channel should be in list nr. 4.

The channels will be added to the list in the order that you choose them. You will after the channel name be able to see, in which list the channel is placed.

Repeat the above-mentioned for all the channel that you want in your favourite lists.



11. - continued

MENU



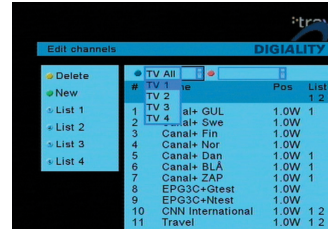
ORGANISE YOUR FAVOURITE LISTS

Press **MENU**.

Mark **Channels** and press **OK**.

Mark **Edit** and press **OK**.

Press **BLUE** to choose the list that you want to change.



Mark the list and press **OK**.

You can now move the channels into the order you want.

Mark the first channel that you want in your list with **P+** and **P-**.

Press **YELLOW** to choose the channel.

Now, you mark the next channel that you want in your list with **P+** and **P-**.

Press the **YELLOW** button again to choose the channel. Continue in this way until you have chosen all the channels.

Move the cursor to channel number 1 and press **GREEN**.

All the chosen channels will now be in the placed from number 1 and up.

You can add channels anywhere you want in the channel list and repeat this until the channel list is exactly as you want it to be.



11. - continued

USE OF THE FAVOURITE LIST



Press **OK**.

Press the **GREEN** button to choose a different list.

The list **All** contains all the channels, while the other lists only contain the channels that you have put into the lists.



Now mark the favourite list that you want to use and press **OK**.

The receiver will then stay in the chosen list until you choose a different list.



Press **EXIT** to leave the menu.

12. How to use the timer

With the **TIMER** function you have 2 options. You can set the receiver to record programmes at certain times, this we call "*Video timer*". You can also use the timer to programme a channel switch to a programme that you want to remember to see, this we call *TV-timer*.

*Important! If you set the **TIMER** function on the receiver to start a recording on your VCR (Video timer), you must also remember to set your Video recorder!*

SETTING OF VIDEO TIMER

We will show an example of how to set the **TIMER** for Video timer:

A programme on CNN on 10 August 2004 at 19:30 to 20:00.

Press **MENU**.



Choose **Timer** and press **OK**.



Press **GREEN NEW TIMER**.

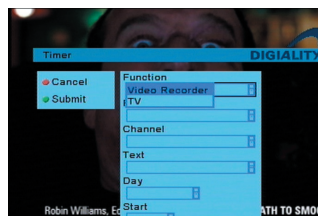
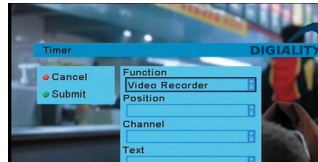
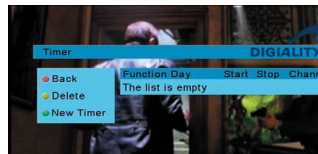
Choose **Function** and press **OK**.

Choose **Video recorder** and press **OK** to set the timer for video recording.

Remember! Also to program you video recorder, when you set the receiver for Video timer.

If you want to set the timer to switch to a programme (remember a programme for you), you choose **TV** instead of **Video recorder**.

Move to **Channel** with **P-** and **P+** and press **OK**.



12. - continued



Keys in the Keyboard display:



move cursor to the left



move cursor to the right



choose between upper-case and lower-case

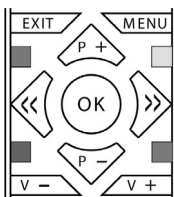


delete letter to the left



OK for typing

1 .	2 abc	3 def
4 ghi	5 jkl	6 mno
7 pqrs	8 tuv	9 wxyz
* +	0 _	# ↑



GREEN

Mark the channel that you want to record from (here: CNN) with **P+** and **P-** and press **OK**.

In the field **Text** it is possible to name the **TIMER**. Choose **Text** and press **OK**. It can be useful to name the timer if you use several timers.

Type in the name with the keyboard and end by choosing **OK** and press the **OK** button.

The **TIMER** has now been given the name "news".

You now need to choose the date for the recording. With **P-** and **P+** you choose the field **Day** and press **OK**.

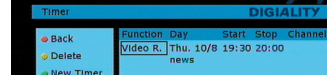
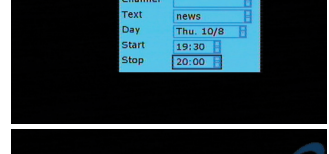
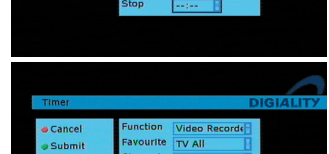
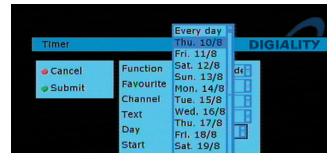
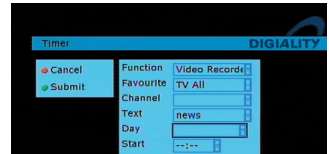
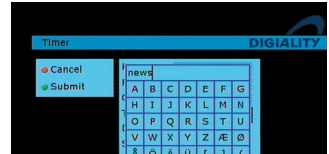
Mark which day/date the recording should take place (here: Thursday 10/8) and press **OK**.

You now need to type in the time for the recording. Choose **Start** with **P-** and **P+** and type in the starting time with the numerical keyboard. Choose **Stop** similarly (here: start = 19:30 and stop =20:00)

You have now set the **TIMER** for the wanted recording.

Press **GREEN SUBMIT** to save the **TIMER** settings.

Press **EXIT** to return.



13. How to search channels automatical or manually

From time to time, new channels will be available. You can search in these new channels without replacing your channel list and favourite lists. You can search in the channels automatically, or you can perform a manual search. When the receiver has searched in the new channels, the channel name will be replaced in the channel list, if you have changed them. Channels that you do not want in your channel- or favourite lists can be deleted.



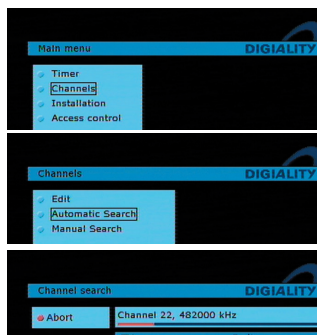
AUTOMATIC SEARCH:

Press **MENU**.

Mark **Channels** and press **OK**.

Mark **Automatic Search** and press **OK**.

The receiver will now search for new channels and place the new channels in the channel list.



MANUAL SEARCH:

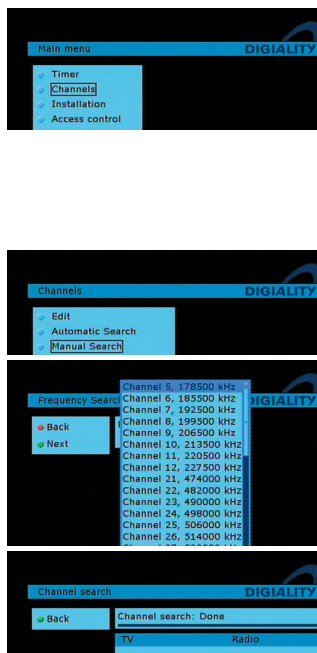
Press **MENU**.

Mark **Channels** and press **OK**.

Mark **Manual Search** and press **OK**.

Press the **OK** and choose which channel you will search for.

The receiver will now search the chosen channel and place new channels in the channel list if there are any new channels.



14. How to use Adult Lock (blocking of channels)

It is possible to lock channels in the receiver with a 4-digit code, so that children cannot watch the locked channels.

To lock the channels, it is necessary first to encode a general adult lock. This is done in the following way:

SET UP ADULT LOCK

MENU



Press **MENU**.
Choose **Access control** with **P-** and **P+** and press **OK**.

Choose **Adult lock** with **P-** and **P+** and press **OK**.

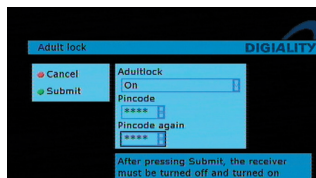
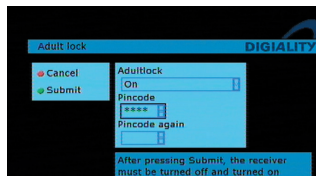
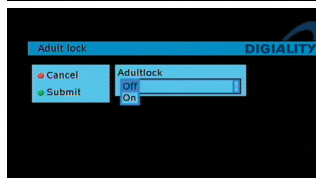
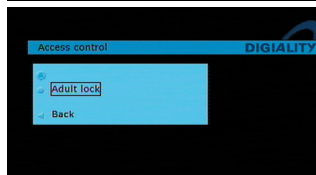
Press **OK** and choose **ON** with **P-** and **P+** and press the **OK** button again.

1 .	2 abc	3 def
4 ghi	5 jkl	6 mno
7 pqrs	8 tuv	9 wxyz
* +	0	#

Choose **Pin code** with **P-** and **P+** and type in the code you want with the numerical keyboard. Choose **Pin code again** with **P-** and **P+** and retype the code. The code must contain 4 digits.

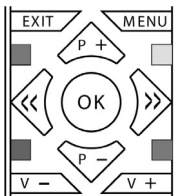
When you have typed in the code twice, you press **GREEN SUBMIT**. The receiver must now be turned off before the Adult lock will be activated. After restart of the receiver the adult lock is active, and it is not possible to edit any channels without using the code.

REMEMBER! To write down the code and save it.



14. - continued

MENU



EXIT

USE ADULT LOCK TO LOCK A PROGRAMME

Press **MENU**.

Type in your 4-digit code with the numerical keyboard.

Choose **Channels** with **P+** and **P-** and press **OK**.

Choose **Edit** with **P+** and **P-** and press **OK**.

Choose the channel that you want to lock and press **OK**.

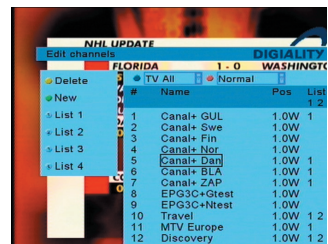
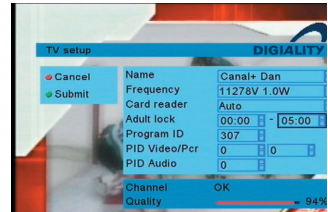
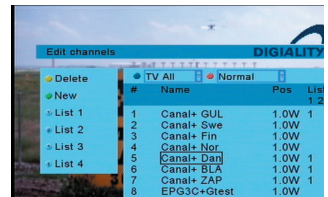
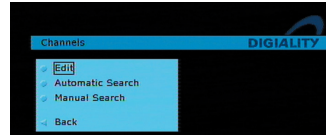
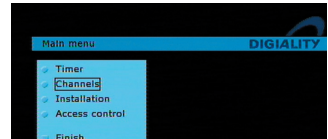
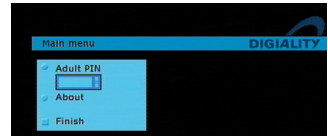
Choose **ADULT LOCK** with **P-** and **P+** and type in the time for start locking (the first field) with the numerical keyboard. Choose the time to the right with **>>** and type in the time for end locking (the second field). *If you type in respectively 00:00 and 00:00, the channel will be blocked all day and night.*

Press **GREEN SUBMIT**.

Repeat the above-mentioned if you want to lock more channels.

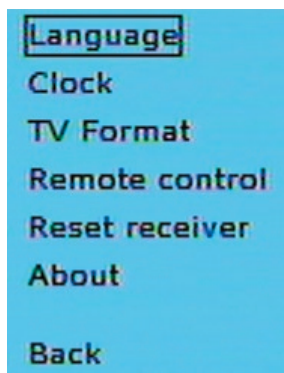
Press **EXIT** when you have locked the programmes.

REMEMBER! The Adult lock will not be activated until you have restarted the receiver.



15. Installations menu

FUNCTIONS IN THE INSTALLATIONS MENU



LANGUAGE

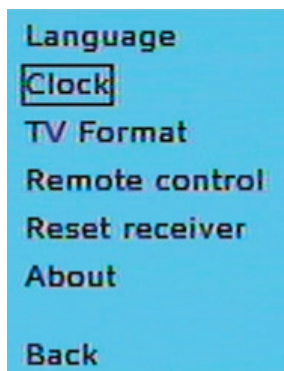
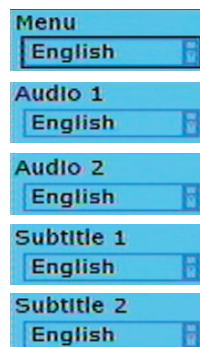
Here you choose the menu language.

Audio language priority 1.

Audio language priority 2.

Subtitle language
1st priority.

Subtitle language
2nd priority.



SETTING UP THE TIME ZONE

Choice of time zone.

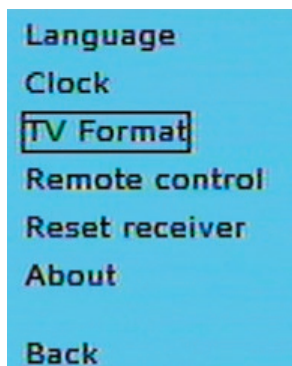
SETTING UP SUMMER TIME

Set summer time on/off.



SETTING UP UPDATING CHANNEL

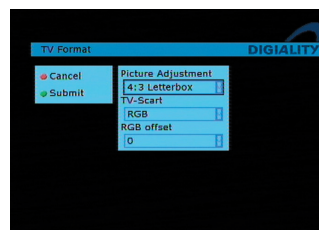
Choice of updating channel.



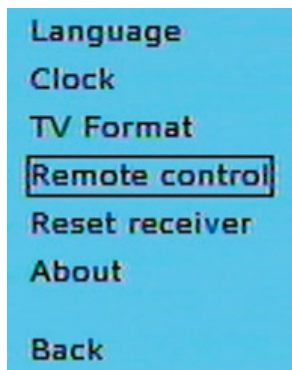
SETTING UP THE TV- FORMAT

Choice of picture format 4:3 or via TV.

Choose video format on
TV-Scart.



15. - continued



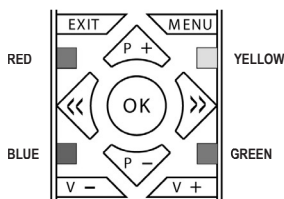
REMOTE CONTROL

Choose the function for the RED shortcut key (see options on screen).

Choose the function for the YELLOW shortcut key.

Choose the function for the GREEN shortcut key.

Choose the function for the BLUE shortcut key.



PROGRAMMING OF SHORTCUT KEYS

The following functions are programmable on the coloured shortcut keys:

None = No function.

Signal Information = Read out information about signal strength and BER.

Soundtrack = Chooses another soundtrack for the chosen channel.

Subtitles = Chooses another language for subtitles or totally removes them.

16:9 = Forces the TV in 16:9 mode (only on scart).

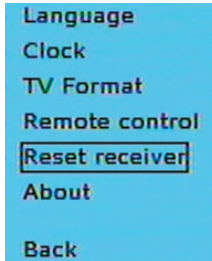
TV Format = Goes directly to the TV format menu.

Move subtitles = After pressing the shortcut key you can move the subtitles up and down in the picture with double arrow left and right.

Edit channel = Goes directly into the Channel setup menu.

Favourites = Opens the window to use for fast adding of programmes in your favourite list.

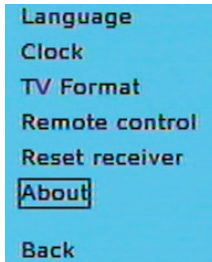
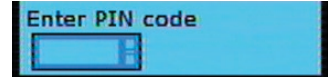
15. - continued



RESET THE RECEIVER

This will reset the receiver to factory adjustment.

You now need to type in a code to reset the receiver. Contact your dealer to get this code.



ABOUT

Reads out the software version and serial number of the receiver.

